INTERNATIONAL SEARCH REPORT

International Application No ♥℃「/JP2004/007133

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F04C29/02 F04C F04C23/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 F04C Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 4 881 879 A (ORTIZ) 1,2 21 November 1989 (1989-11-21) column 5, line 28 - line 47; figure 1 X US 4 854 831 A (ETEMAD) $\cdot 1.5$ 8 August 1989 (1989-08-08) column 4, line 41 - column 5, line 22; figures 18-20 column 5, line 49 - column 6, line 9 PATENT ABSTRACTS OF JAPAN 1,5,7,8, vol. 2002, no. 12. 10 12 December 2002 (2002-12-12) & JP 2002 235666 A (TOSHIBA KYARIA KK), 23 August 2002 (2002-08-23) abstract Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another cliation or other special reason (as specified) document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art *O* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed In the art. "&" document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 4 August 2004 06/09/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Kapoulas, T

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